PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 1997													
CLAIMS AS FILED - PART I (Column 1) (Column 2)								SMALL ENTITY TYPE			OTHER THAN OR SMALL ENTITY		
FOR NUMBE			R FILED		NUMBER EXTRA		RAT	E	FEE		RATE	FEE	
BASI	C FEE						:		395.00	OR	3	790.00	
TOTA	AL CLAIMS		minus		•		x\$11=			OR	x\$22=	/	
INDEPENDENT CLAIMS			mine	ıs 3 =	•		x41=			OR	x82=		
MULTIPLE DEPENDENT CLAIM PRESENT								+135=		OR	+270=		
* If the difference in column 1 is less than zero, enter "0" in column 2							тот	AL	:	OR	TOTAL	930	
	CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)							ALI	ENTITY	OR	OTHER THAN OR SMALL ENTITY		
AMENDMENTA		CLAIMS REMAINING AFTER AMENDMENT		HI NI PRE	GHEST UMBER VIOUSLY ID FOR	PRESENT	RAT		ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
IDME	Total	*	Minus			=	x\$1	l =		OR	x\$22=		
MEN	Independent	*	* Minus			=	x41	=		OR	x82=		
٧	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM							5=		OR	+270=	-	
,			(Column 2) (C			TOTAL ADDIT, FEE			OR	TOTAL ADDIT, FEE			
AMENDMENT B		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		HI NI PRE	GHEST UMBER VIOUSLY ID FOR	PRESENT EXTRA	RAT	Ē	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
	Total	.16	Minus		20		x\$1	1=		OR	x\$22=		
	Independent	.2	Minus	***	3		x41	= '		OR	x82=		
A	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM						+13	5=		OR	+270=		
	(Column 1) (Column 2) (Column 3)									OR	TOTAL ADDIT. FEE		
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		NI PRE	GHEST UMBER VIOUSLY ID FOR	PRESENT EXTRA	RAT	E	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
	Total	. 16	Minus	• 6	20		x\$1	1=		OR	x\$22=		
	Independent	. 2	Minus	***	3	-	x41	=		OR	x82=	·	
A	FIRST PRE	+13	5=		OR	+270=							
TATE OF	* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.												

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Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001 **CLAIMS AS FILED - PART I** SMALL ENTITY **OTHER THAN** (Column 1) (Column 2) TYPE [SMALL ENTITY OR TOTAL CLAIMS **RATE** FEE FEE RATE BASIC FEE 370.00 BASIC FEE **FOR** 740.00 NUMBER FILED NUMBER EXTRA TOTAL CHARGEABLE CLAIMS minus 20= X\$ 9= X\$18=INDEPENDENT CLAIMS minus 3 = X42 =X84= OR MULTIPLE DEPENDENT CLAIM PRESENT +280= +140= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR CLAIMS AS AMENDED - PART II **OTHER THAN SMALL ENTITY SMALL ENTITY** OR (Column 2) (Column 3) (Column 1) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER **PRESENT** TIONAL RATE TIONAL RATE **AMENDMENT AFTER PREVIOUSLY EXTRA** FEE FEE **AMENDMENT** PAID FOR Minus Total X\$18=X\$ 9= OR Independent Minus X84= X42 =OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER **PRESENT** TIONAL RATE RATE TIONAL **AFTER PREVIOUSLY** AMENDMENT **EXTRA** PAID FOR FEE **FEE** AMENDMENT Total Minus X\$ 9= X\$18= OR Minus = Independent X42 =X84 =OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140 =OR TOTAL OR ADDIT. FEE ADDIT. FEE (Column 2) (Column 3) (Column 1) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER **PRESENT RATE** TIONAL RATE TIONAL **PREVIOUSLY** ENDMENT **AFTER EXTRA AMENDMENT** PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus X42 =X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL TOTAL ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT. FEE ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001 **CLAIMS AS FILED - PART I** SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE [SMALL ENTITY OR TOTAL CLAIMS RATE FEE **RATE FEE BASIC FEE** 370.00 BASIC FEE 740.00 **FOR** NUMBER EXTRA NUMBER FILED OR TOTAL CHARGEABLE CLAIMS minus 20= X\$ 9= X\$18= OR INDEPENDENT CLAIMS minus 3 = X42= X84= OR MULTIPLE DEPENDENT CLAIM PRESENT +280= +140= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL **CLAIMS AS AMENDED - PART II** OTHER THAN **SMALL ENTITY** SMALL ENTITY OR (Column 3) (Column 2) (Column 1) HIGHEST CLAIMS ADDI-ADDI-PRESENT REMAINING NUMBER TIONAL RATE **TIONAL** RATE **AMENDMENT AFTER PREVIOUSLY EXTRA** FEE FEE PAID FOR AMENDMENT 20 Total Minus X\$ 9= X\$18= OR Independent = Minus X42 =X84 =OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL. OR ADDIT. FEE ADDIT. FEE (Column 2) (Column 3) (Column 1) HIGHEST CLAIMS ADDI-ADDI-REMAINING NUMBER **PRESENT** TIONAL RATE RATE TIONAL **PREVIOUSLY AMENDMENT** AFTER **EXTRA FEE** AMENDMENT PAID FOR FEE Minus 24 **Total** X\$ 9= X\$18=126 OR Minus Independent X42 =X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL 126 OR ADDIT. FEE ADDIT, FEE (Column 3) (Column 1) (Column 2) HIGHEST CLAIMS ADDI-ADDI-REMAINING NUMBER **PRESENT** RATE TIONAL RATE TIONAL **PREVIOUSLY AMENDMENT AFTER EXTRA** PAID FOR FEE AMENDMENT FEE Total Minus X\$18= X\$ 9= OR Independent Minus X84= X42 =OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL TOTAL ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." OR ADDIT. FEE ADDIT, FEE ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.